

09/869,359

L Number	Hits	Search Text	DB	Time stamp
1	5	yamaboshi-hiroki.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/10 14:26
2	10	takana-shuji.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/10 14:39
3	33	kubota-teruo.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/10 14:41
4	36	takaya-hitoshi.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/10 14:42
5	724	yamashita-hiroyuki.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/10 14:43
6	12	nitta-hideichi.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/10 14:44
7	482	spray adj1 dried same (add\$3 or addition or admix\$4 or spray\$3 or overspray\$3 or inject\$4) near5 (water or aqueous) same detergent	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/10 14:48
8	33	spray adj1 dried near8 (add\$3 or addition or admix\$4 or spray\$3 or overspray\$3 or inject\$4) adj3 (water or aqueous) same detergent	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/10 15:00
9	2	4466897.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/10 15:00
10	4	4239640.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/10 15:00
11	0	spray adj1 dried near8 (add\$3 or addition or admix\$4 or spray\$3 or overspray\$3 or inject\$4) adj3 (water or aqueous) same detergent and spray adj1 dried near6 (zeolite or aluminosilicate or insoluble)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/10 15:02

DERWENT-ACC-NO: 1978-33801A

DERWENT-WEEK: 197819

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TITLE: Stable detergent powder prodn. - by adding a conc.
gel-forming aq. alkoxyated alcohol soln. to the other
spray-dried components

INVENTOR: MATHER, D E; WILLIAMS, T A

PATENT-ASSIGNEE: ALBRIGHT & WILSON LTD[ALBR]

PRIORITY-DATA: 1976GB-0045509 (November 2, 1976)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
DE 2748854 A	May 3, 1978	N/A	000	N/A
BE 860337 A	May 2, 1978	N/A	000	N/A
DE 2748854 C	November 6, 1986	N/A	000	N/A
FR 2369341 A	June 30, 1978	N/A	000	N/A
GB 1545810 A	May 16, 1979	N/A	000	N/A
IT 1093030 B	July 19, 1985	N/A	000	N/A
NL 7712010 A	May 5, 1978	N/A	000	N/A
US 4239640 A	December 15, 1980	N/A	000	N/A

INT-CL (IPC): C11D001/72, C11D003/07, C11D007/54, C11D011/00,
C11D017/06

ABSTRACTED-PUB-NO: DE 2748854A

BASIC-ABSTRACT:

The detergent contains an alkoxyated alcohol, (I), or mixt. of (I), having, on average, 10-18 (12-16) esp. 12-14 C in alcohol gp., and a degree of alkoxylation of 6-12 (8-10) alkoxy gps./molecule. The detergent is produced by (1) preparing a spray-dried mixt. of detergent constituents other than (I) (mixt.) and (2) admixing with an aq. soln. of (I) (mixt.). The concn. of the

soln. is such that the soln. is pumpable, but forms a gel in the spray-dried mixt. on the adding the remaining water.

Addn. of (I) as a soln. yields a more stable prod. as the gel does not migrate from the finished powder.

TITLE-TERMS: STABILISED DETERGENT POWDER PRODUCE ADD
CONCENTRATE GEL FORMING
AQUEOUS ALKOXYLATED ALCOHOL SOLUTION SPRAY DRY
COMPONENT

DERWENT-CLASS: D25 E17

CPI-CODES: D11-A03; D11-D03; E10-E04M;

CHEMICAL-CODES:

Chemical Indexing M3 *01*

Fragmentation Code

H4 H5 M220 M225 M231 M232 M233 M270 M281 M312
M332 M331 M334 M333 M323 M342 M380 M393 H401 H481
H581 H583 H584 H589 M620 Q273 M510 H8 M520 M530
M540 M781 R032 R035 R036 M416 M902